

WHAT IS CLAIMED IS:

- 1 1. A system for controlling parameters in an electronic device,
2 comprising:
3 a series of parameter storage locations coupled to said electronic
4 device for containing value sets corresponding to said
5 parameters;
6 a set of parameter commands for controlling said value sets
7 within said series of parameter storage locations; and
8 a parameter manager device coupled to said electronic device for
9 executing said set of parameter commands to control said
10 value sets corresponding to said parameters.

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1 2. The system of claim 1 wherein said series of parameter storage
2 locations include:
3 a current parameters location containing value sets corresponding
4 to current parameters within said electronic device;
5 a user defaults location containing value sets corresponding to
6 user defaults within said electronic device; and
7 a factory defaults location containing value sets corresponding to
8 factory defaults within said electronic device.

1 3. The system of claim 2 wherein said current parameters location is
2 in a random-access memory, said user defaults location is in an
3 electrically-erasable programmable read-only memory, and said factory
4 defaults location is in a non-volatile memory.

1 4. The system of claim 2 wherein said set of parameter commands
2 includes a GetState command which causes said parameter manager to
3 provide one or more of said value sets from said current parameters
4 location to an external command source.

1 8. The system of claim 2 wherein said set of parameter commands
2 includes a RestoreDefault command which causes said parameter
3 manager to restore one or more of said value sets in said current
4 parameters location to information selected from said user defaults
5 location.

1 9. The system of claim 2 wherein said set of parameter commands
2 are originated by an external command source and wherein said
3 parameter manager ~~device~~ responsively accesses parameter
4 information in a resource file to control said parameters.

1 10. The system of claim 1 wherein said parameter manager acts on all
2 of said parameters in one of said series of parameter locations if a
3 corresponding one of said set of parameter commands does not specify
4 a particular one of said parameters.

1 11. A method for controlling parameters in an electronic device,
2 comprising the steps of:
3 storing value sets corresponding to said parameters into a series
4 of parameter storage locations;
5 providing a set of parameter commands for controlling said value
6 sets within said series of parameter storage locations; and
7 executing said set of parameter commands using a parameter
8 manager device to control said value sets corresponding to
9 said parameters.

1 12. The method of claim 11 wherein said series of parameter storage
2 locations include:
3 a current parameters location containing value sets corresponding
4 to current parameters within said electronic device;
5 a user defaults location containing value sets corresponding to
6 user defaults within said electronic device; and
7 a factory defaults location containing value sets corresponding to
8 factory defaults within said electronic device.

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1 13. The method of claim 12 wherein said current parameters location
2 is in a random-access memory, said user defaults location is in an
3 electrically-erasable programmable read-only memory, and said factory
4 defaults location is in a non-volatile memory.

1 14. The method of claim 12 wherein said set of parameter commands
2 includes a GetState command which causes said parameter manager to
3 provide one or more of said value sets from said current parameters
4 location to a processor within said electronic device.

1 15. The method of claim 12 wherein said set of parameter commands
2 includes a SetState command which causes said parameter manager to
3 set one or more of said value sets in said current parameters location
4 based on information received from a processor within said electronic
5 device.

1 16. The method of claim 12 wherein said set of parameter commands
2 includes a GetDefault command which causes said parameter manager
3 to provide one or more of said value sets from said factory defaults
4 location to an external command source.

1 17. The method of claim 12 wherein said set of parameter commands
2 includes a SetDefault command which causes said parameter manager to
3 set one or more of said value sets in said user defaults location based on
4 information selectively obtained from one of a processor within said
5 electronic device, an external command source, said current parameters
6 location and said factory defaults location.

1 18. The method of claim 12 wherein said set of parameter commands
2 includes a RestoreDefault command which causes said parameter
3 manager to restore one or more of said value sets in said current
4 parameters location to information selected from said factory defaults
5 location.

1 19. A computer-readable medium comprising program instructions
2 for controlling parameters in an electronic device by performing the
3 steps of:
4 storing value sets corresponding to said parameters into a series
5 of parameter storage locations;
6 providing a set of parameter commands for controlling said value
7 sets within said series of parameter storage locations; and
8 executing said set of parameter commands using a parameter
9 manager device to control said value sets corresponding to
10 said parameters.

1 20. The computer-readable medium of claim 19 wherein said medium
2 is a memory device which is removable from said electronic device for
3 reprogramming, and which contains scripts that execute said set of
4 parameter commands to cause said parameter manager to control said
5 value sets corresponding to said parameters.

21. A system for controlling parameters in an electronic device,
comprising:
means for storing value sets corresponding to said parameters
into a series of parameter storage locations;
means for providing a set of parameter commands for controlling
said value sets within said series of parameter storage
locations; and
means for executing said set of parameter commands using a
parameter manager device to control said value sets
corresponding to said parameters.

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